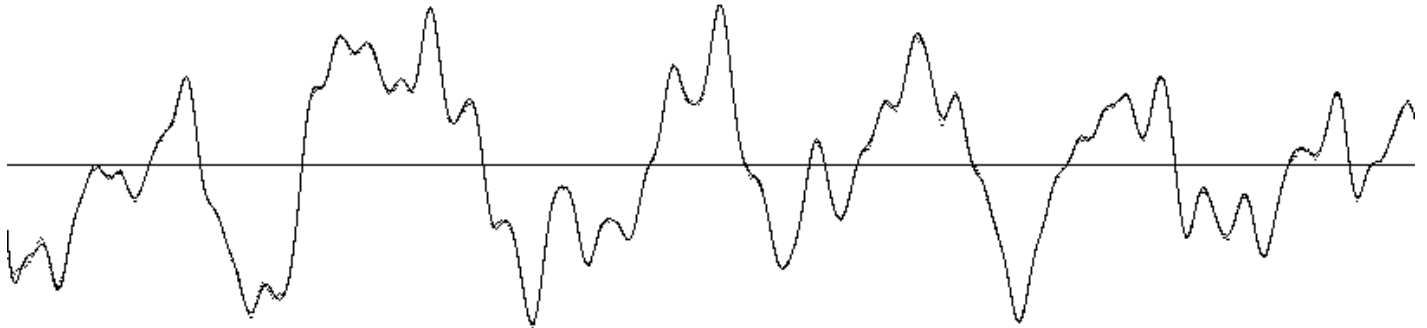
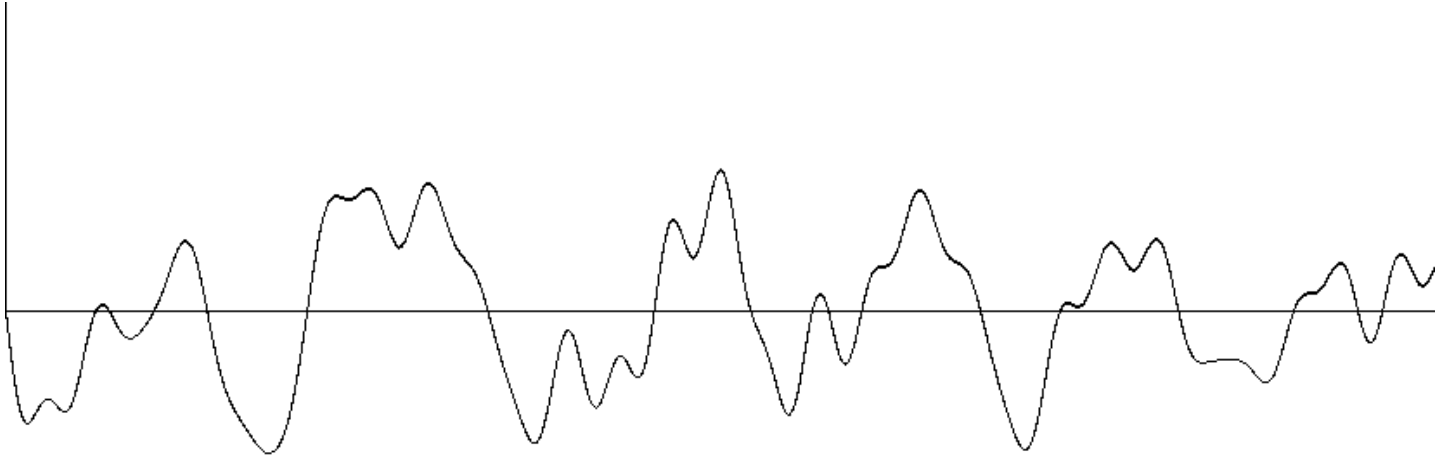


オリジナルの波形



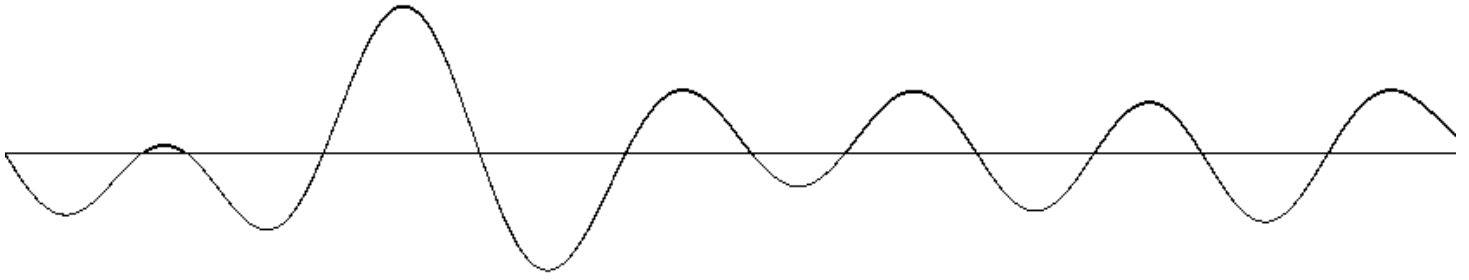
```
MF = 128.(degree of fourier transform.)  
Channel is left.  
Type in enter, or ctrl-C^C  
bash-2.05b$ ./wave-graph Wave-data/pre-128.wav --skipsec 0.5  
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec).  
skip = 22050.  
MF = 128.(degree of fourier transform.)  
Channel is left.  
Type in enter, or ctrl-C^C  
bash-2.05b$ ./wave-graph Wave-data/prelude-2-a-3.wav --skipsec 0.5  
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec).  
skip = 22050.  
MF = 128.(degree of fourier transform.)  
Channel is left.
```

cos(64 π t/0.02) まで



```
MF = 128.(degree of fourier transform.)  
Channel is left.  
Type in enter, or ctrl-C^C  
bash-2.05b$ ./wave-graph Wave-data/pre-064.wav --skipsec 0.5  
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec),  
skip = 22050.  
MF = 128.(degree of fourier transform.)  
Channel is left.  
Type in enter, or ctrl-C^C  
bash-2.05b$ ./wave-graph Wave-data/pre-064.wav --skipsec 0.5  
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec),  
skip = 22050.  
MF = 128.(degree of fourier transform.)  
Channel is left
```

[cos\(16 π t/0.02\) まで](#)



```
MF = 128.(degree of fourier transform.)  
Channel is left.  
Type in enter, or ctrl-C^C  
bash-2.05b$ ./wave-graph Wave-data/pre-064.wav --skipsec 0.5  
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec).  
skip = 22050.  
MF = 128.(degree of fourier transform.)  
Channel is left.  
Type in enter, or ctrl-C^C  
bash-2.05b$ ./wave-graph Wave-data/pre-016.wav --skipsec 0.5  
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec).  
skip = 22050.  
MF = 128.(degree of fourier transform.)  
Channel is left.
```

cos(16 π t/0.02) までの Fourier 展開の係数

```
wave-graph.c.016: warning: incompatible implicit declaration of built-in function 'exit'
gcc -g -o wave-graph wave-graph.o glib.o out-wave.o -L/usr/X11R6/lib -lX11 -lm
nobuki-takayama-nokonpyuta:~/this05/misc-2005/10/comp-2/Prog nobuki$ ./wave-graph Wave-data/pre-016.wav --stereo --approx
16 --skipsec 0.5 >/dev/null
Graph from 0.500000 seconds (rate) -- 882 steps(0.02sec).
skip = 22050.
MF = 16.(degree of fourier transform.)
Stereo output to stdout.Channel is left.
N_f=1, -175.023227
N_f=2, -33.573330
N_f=3, 163.175469
N_f=4, 218.185683
N_f=5, 392.589455
N_f=6, 2293.616151
N_f=7, 1153.474684
N_f=8, 646.849983
N_f=9, -2051.472332
N_f=10, -1261.031531
N_f=11, -1727.914310
N_f=12, 1967.706746
N_f=13, 3641.002023
N_f=14, -401.830417
N_f=15, 838.719484
N_f=1, -184.824754
N_f=2, -28.105725
N_f=3, 450.822708
N_f=4, 43.410846
N_f=5, 814.674000
N_f=6, 1014.652090
N_f=7, -234.545121
N_f=8, -1631.996476
N_f=9, -2702.494340
N_f=10, -666.440677
N_f=11, -2160.812232
N_f=12, 1265.789373
N_f=13, 1943.813404
N_f=14, -479.435764
N_f=15, 1113.992926
nobuki-takayama-nokonpyuta:~/this05/misc-2005/10/comp-2/Prog nobuki$ Set OutFourier=1 in wave-graph.c ( bug in printf ).
```

事務連絡

黒板の掃除をお忘れなく。
10分以上15分以内。時間厳守。
ノートをとる。質問する。

セミナー実習.

部屋割り

B325	001, 002, 003, 004, 005, 006
B317	007, 008, 009, 010, 011, 012,
B427	014, 015, 016, 017, 018, 019
B429	020, 021, 022, 023, 024, 025
B428	081, 082, 083, 084, 085, 086
Y201	087, 088, 089, その他.